

21HH-6.004 Vertical Control and Topographic Surveys.

(1) All surveys in this class shall show the datum, including a description of the benchmark(s) upon which the survey is based. A second benchmark, where practicable, shall be used on each survey to confirm the level run and first benchmark.

(2) Vertical Control Surveys: the level loop closure in feet must be accurate to a standard of plus or minus .05 times the square root of distance in miles ($+.05\sqrt{V}$ miles).

(3) Topographic Surveys: the horizontal position of physical features must be plotted to 1/20th inch of the final map scale. If a test profile is run over the mapped area in the field, the profile must be correct within one-half of the contour interval 80% of the time, and the remainder shall not be in error more than the contour interval. A surveyor shall be required to run test profiles if he is to certify to the information shown on a topography survey obtained by aerial photography.

Specific Authority 472.027 FS. Law Implemented 472.027 FS. History—New 9-1-81, Formerly 21HH-6.04.